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<400>     2
Met Gly Gly Ser Gly Val Val Glu Val Pro Phe Leu Leu Ser Ser Lys
1               5                   10                  15

Tyr Asp


<210>     3
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tcaggtttgt cacctatcag gaccagagag acttcatttc catcatcccc atgtatgg       118

<210>     4
<211>     39
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<213>     Homo sapiens

<400>     4
Glu Pro Ser Arg Gln Val Ile Leu Glu Ala Leu Ala Glu Phe Glu Arg
1               5                   10                  15

Ser Thr Cys Ile Arg Phe Val Thr Tyr Gln Asp Gln Arg Asp Phe Ile
            20                  25                  30

Ser Ile Ile Pro Met Tyr Gly
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<210>    5
<211>    182
<212>    DNA
<213>    Homo sapiens

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cgagcacacg cgggccgacc gggaccgcta tatccgtgtc aactggaacg agatcctgcc    180
ag                                                                    182

<210>    6
<211>    61
<212>    PRT
<213>    Homo sapiens

<400>    6
Cys Phe Ser Ser Val Gly Arg Ser Gly Gly Met Gln Val Val Ser Leu
1               5                   10                  15

Ala Pro Thr Cys Leu Gln Lys Gly Arg Gly Ile Val Leu His Glu Leu
            20                  25                  30

Met His Val Leu Gly Phe Trp His Glu His Thr Arg Ala Asp Arg Asp
        35                  40                  45

Arg Tyr Ile Arg Val Asn Trp Asn Glu Ile Leu Pro Gly
    50                  55                  60

<210>    7
<211>    82
<212>    DNA
<213>    Homo sapiens

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cctctgtgat gcactatggg ag                                              82

<210>    8
<211>    27
<212>    PRT
<213>    Homo sapiens

<400>    8
Phe Glu Ile Asn Phe Ile Lys Ser Gln Ser Ser Asn Met Leu Thr Pro
1               5                   10                  15

Tyr Asp Tyr Ser Ser Val Met His Tyr Gly Arg

20                          25

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<211>    155
<212>    DNA
<213>    Homo sapiens

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catcggccag cgatggaacc tgagtgcctc ggacatcacc cgggtcctca aactctacgg   120
ctgcagccca agtggcccca ggccccgtgg gagag                               155


<210>    10
<211>    52
<212>    PRT
<213>    Homo sapiens

<400>    10
Leu Ala Phe Ser Arg Arg Gly Leu Pro Thr Ile Thr Pro Leu Trp Ala
1               5                  10                  15

Pro Ser Val His Ile Gly Gln Arg Trp Asn Leu Ser Ala Ser Asp Ile
            20                  25                  30

Thr Arg Val Leu Lys Leu Tyr Gly Cys Ser Pro Ser Gly Pro Arg Pro
            35                  40                  45

Arg Gly Arg Gly
        50


<210>    11
<211>    419
<212>    DNA
<213>    Homo sapiens

<400>    11
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gccagcccgt tcctgcaggg cctggggaga gcccacatgg gtgggagtcc cctgccctga   180
aaaagctcag tgcagaggcc tcggcaaggc agcctcagac cctagcttcc tccccaagat   240
caaggcctgg agcaggtgcc cccggtgttg ctcaggagca gtcctggctg gccggagtgt   300
ccaccaagcc cacagtccca tcttcagaag caggaatcca gccagtccct gtccagggaa   360
gcccagctct gccagggggc tgtgtaccta gaaatcattt caaggggatg tccgaagat    419


<210>    12
<211>    139
<212>    PRT
<213>    Homo sapiens

<400>    12
Ser His Ala His Ser Thr Gly Arg Ser Pro Ala Pro Ala Ser Leu Ser
1               5                  10                  15

Leu Gln Arg Leu Leu Glu Ala Leu Ser Ala Glu Ser Arg Ser Pro Asp
            20                  25                  30
```

```
Pro Ser Gly Ser Ser Ala Gly Gly Gln Pro Val Pro Ala Gly Pro Gly
        35              40              45

Glu Ser Pro His Gly Trp Glu Ser Pro Ala Leu Lys Lys Leu Ser Ala
        50              55              60

Glu Ala Ser Ala Arg Gln Pro Gln Thr Leu Ala Ser Ser Pro Arg Ser
65              70              75              80

Arg Pro Gly Ala Gly Ala Pro Gly Val Ala Gln Glu Gln Ser Trp Leu
            85              90              95

Ala Gly Val Ser Thr Lys Pro Thr Val Pro Ser Ser Glu Ala Gly Ile
            100             105             110

Gln Pro Val Pro Val Gln Gly Ser Pro Ala Leu Pro Gly Gly Cys Val
            115             120             125

Pro Arg Asn His Phe Lys Gly Met Ser Glu Asp
    130             135
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<210>   13
<211>   1008
<212>   DNA
<213>   Homo sapiens

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gtcacctatc aggaccagag agacttcatt tccatcatcc ccatgtatgg gtgcttctcg  180
agtgtggggc gcagtggagg gatgcaggtg gtctccctgg cgcccacgtg tctccagaag  240
ggccggggca ttgtccttca tgagctcatg catgtgctgg gcttctggca cgagcacacg  300
cgggccgacc gggaccgcta tatccgtgtc aactggaacg agatcctgcc aggctttgaa  360
atcaacttca tcaagtctca gagcagcaac atgctgacgc cctatgacta ctcctctgtg  420
atgcactatg ggaggctcgc cttcagccgg cgtgggctgc ccaccatcac accactttgg  480
gcccccagtg tccacatcgg ccagcgatgg aacctgagtg cctcggacat cacccgggtc  540
ctcaaactct acggctgcag cccaagtggc cccaggcccc gtgggagagg gtcccatgcc  600
cacagcactg gtaggagccc cgccccggcc tccctatctc tgcagcggct tttggaggca  660
ctgtcggcgg aatccaggag ccccgacccc agtggttcca gtgcgggagg ccagcccgtt  720
cctgcagggc ctggggagag cccacatggg tgggagtccc ctgccctgaa aaagctcagt  780
gcagaggcct cggcaaggca gcctcagacc ctagcttcct ccccaagatc aaggcctgga  840
gcaggtgccc ccggtgttgc tcaggagcag tcctggctgg ccggagtgtc caccaagccc  900
acagtcccat cttcagaagc aggaatccag ccagtccctg tccagggaag cccagctctg  960
ccagggggct gtgtacctag aaatcatttc aaggggatgt ccgaagat               1008
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```
<210>   14
<211>   336
<212>   PRT
<213>   Homo sapiens

<400>   14
Met Gly Gly Ser Gly Val Val Glu Val Pro Phe Leu Leu Ser Ser Lys
1               5               10              15
```

```
Tyr Asp Glu Pro Ser Arg Gln Val Ile Leu Glu Ala Leu Ala Glu Phe
        20          25              30

Glu Arg Ser Thr Cys Ile Arg Phe Val Thr Tyr Gln Asp Gln Arg Asp
        35          40              45

Phe Ile Ser Ile Ile Pro Met Tyr Gly Cys Phe Ser Ser Val Gly Arg
    50          55              60

Ser Gly Gly Met Gln Val Val Ser Leu Ala Pro Thr Cys Leu Gln Lys
65          70              75              80

Gly Arg Gly Ile Val Leu His Glu Leu Met His Val Leu Gly Phe Trp
        85          90              95

His Glu His Thr Arg Ala Asp Arg Asp Arg Tyr Ile Arg Val Asn Trp
        100         105             110

Asn Glu Ile Leu Pro Gly Phe Glu Ile Asn Phe Ile Lys Ser Gln Ser
        115         120             125

Ser Asn Met Leu Thr Pro Tyr Asp Tyr Ser Ser Val Met His Tyr Gly
    130         135             140

Arg Leu Ala Phe Ser Arg Arg Gly Leu Pro Thr Ile Thr Pro Leu Trp
145         150             155             160

Ala Pro Ser Val His Ile Gly Gln Arg Trp Asn Leu Ser Ala Ser Asp
            165             170             175

Ile Thr Arg Val Leu Lys Leu Tyr Gly Cys Ser Pro Ser Gly Pro Arg
        180         185             190

Pro Arg Gly Arg Gly Ser His Ala His Ser Thr Gly Arg Ser Pro Ala
        195         200             205

Pro Ala Ser Leu Ser Leu Gln Arg Leu Leu Glu Ala Leu Ser Ala Glu
    210         215             220

Ser Arg Ser Pro Asp Pro Ser Gly Ser Ser Ala Gly Gly Gln Pro Val
225             230             235             240

Pro Ala Gly Pro Gly Glu Ser Pro His Gly Trp Glu Ser Pro Ala Leu
            245             250             255

Lys Lys Leu Ser Ala Glu Ala Ser Ala Arg Gln Pro Gln Thr Leu Ala
        260             265             270

Ser Ser Pro Arg Ser Arg Pro Gly Ala Gly Ala Pro Gly Val Ala Gln
    275             280             285

Glu Gln Ser Trp Leu Ala Gly Val Ser Thr Lys Pro Thr Val Pro Ser
    290             295             300

Ser Glu Ala Gly Ile Gln Pro Val Pro Val Gln Gly Ser Pro Ala Leu
```

```
305                     310                315                320
```

Pro Gly Gly Cys Val Pro Arg Asn His Phe Lys Gly Met Ser Glu Asp
                325                330                335


```
<210>   15
<211>   55
<212>   DNA
<213>   Homo sapiens
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<400>   15
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```
<210>   16
<211>   19
<212>   PRT
<213>   Homo sapiens
```

```
<400>   16
```
Met Glu Gly Val Gly Gly Leu Trp Pro Trp Val Leu Gly Leu Leu Ser
1               5                10                15

Leu Pro Gly


```
<210>   17
<211>   126
<212>   DNA
<213>   Homo sapiens
```

```
<400>   17
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cagatggcct caccccctgag ggaacccagg cctccgggga caaggacatt cctgcaatta   120
accaag                                                              126
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<210>   18
<211>   42
<212>   PRT
<213>   Homo sapiens
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```
<400>   18
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Val Ile Leu Gly Ala Pro Leu Ala Ser Ser Cys Ala Gly Ala Cys Gly
1               5                10                15

Thr Ser Phe Pro Asp Gly Leu Thr Pro Glu Gly Thr Gln Ala Ser Gly
            20                25                30

Asp Lys Asp Ile Pro Ala Ile Asn Gln Gly
            35                40

```
<210>   19
<211>   62
<212>   DNA
<213>   Homo sapiens
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<400>    19
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cg                                                                      62

<210>    20
<211>    20
<212>    PRT
<213>    Homo sapiens

<400>    20
Leu Ile Leu Glu Glu Thr Pro Glu Ser Ser Phe Leu Ile Glu Gly Asp
1               5                   10                  15

Ile Ile Arg Pro
            20

<210>    21
<211>    94
<212>    DNA
<213>    Homo sapiens

<400>    21
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gtggaggtcc ccttcctgct ctccagcaag tacg                                  94

<210>    22
<211>    32
<212>    PRT
<213>    Homo sapiens

<400>    22
Ser Pro Phe Arg Leu Leu Ser Ala Thr Ser Asn Lys Trp Pro Met Gly
1               5                   10                  15

Gly Ser Gly Val Val Glu Val Pro Phe Leu Leu Ser Ser Lys Tyr Asp
            20                  25                  30

<210>    23
<211>    118
<212>    DNA
<213>    Homo sapiens

<400>    23
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tcaggtttgt cacctatcag gaccagagag acttcatttc catcatcccc atgtatgg       118

<210>    24
<211>    39
<212>    PRT
<213>    Homo sapiens

<400>    24
Glu Pro Ser Arg Gln Val Ile Leu Glu Ala Leu Ala Glu Phe Glu Arg

```
1                5                    10                   15
```

Ser Thr Cys Ile Arg Phe Val Thr Tyr Gln Asp Gln Arg Asp Phe Ile
            20                  25                  30

Ser Ile Ile Pro Met Tyr Gly
         35

```
<210>    25
<211>    182
<212>    DNA
<213>    Homo sapiens
```

```
<400>    25
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tctccagaag ggccggggca ttgtccttca tgagctcatg catgtgctgg gcttctggca   120
cgagcacacg cgggccgacc gggaccgcta tatccgtgtc aactggaacg agatcctgcc   180
ag                                                                   182
```

```
<210>    26
<211>    61
<212>    PRT
<213>    Homo sapiens
```

```
<400>    26
```
Cys Phe Ser Ser Val Gly Arg Ser Gly Gly Met Gln Val Val Ser Leu
1                5                    10                  15

Ala Pro Thr Cys Leu Gln Lys Gly Arg Gly Ile Val Leu His Glu Leu
            20                  25                  30

Met His Val Leu Gly Phe Trp His Glu His Thr Arg Ala Asp Arg Asp
         35                  40                  45

Arg Tyr Ile Arg Val Asn Trp Asn Glu Ile Leu Pro Gly
   50                  55                  60

```
<210>    27
<211>    82
<212>    DNA
<213>    Homo sapiens
```

```
<400>    27
gctttgaaat caacttcatc aagtctcgga gcagcaacat gctgacgccc tatgactact    60
cctctgtgat gcactatggg ag                                             82
```

```
<210>    28
<211>    27
<212>    PRT
<213>    Homo sapiens
```

```
<400>    28
```
Phe Glu Ile Asn Phe Ile Lys Ser Arg Ser Ser Asn Met Leu Thr Pro
1                5                    10                  15

Tyr Asp Tyr Ser Ser Val Met His Tyr Gly Arg
            20                  25

```
<210>    29
<211>    155
<212>    DNA
<213>    Homo sapiens


<400>    29
gctcgccttc agccggcgtg ggctgcccac catcacacca ctttgggccc ccagtgtcca    60
catcggccag cgatggaacc tgagtgcctc ggacatcacc cgggtcctca aactctacgg   120
ctgcagccca agtggcccca ggccccgtgg gagag                              155


<210>    30
<211>    52
<212>    PRT
<213>    Homo sapiens


<400>    30
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Leu Ala Phe Ser Arg Arg Gly Leu Pro Thr Ile Thr Pro Leu Trp Ala
1           5               10              15

Pro Ser Val His Ile Gly Gln Arg Trp Asn Leu Ser Ala Ser Asp Ile
            20                  25              30

Thr Arg Val Leu Lys Leu Tyr Gly Cys Ser Pro Ser Gly Pro Arg Pro
            35                  40              45

Arg Gly Arg Gly
        50

```
<210>    31
<211>    419
<212>    DNA
<213>    Homo sapiens ·


<400>    31
ggtcccatgc ccacagcact ggtaggagcc ccgctccggc ctccctatct ctgcagcggc    60
ttttggaggc actgtcggcg gaatccagga gccccgaccc cagtggttcc agtgcgggag   120
gccagcccgt tcctgcaggg cctggggaga gcccacatgg gtgggagtcc cctgccctga   180
aaaagctcag tgcagaggcc tcggcaaggc agcctcagac cctagcttcc tccccaagat   240
caaggcctgg agcaggtgcc cccggtgttg ctcaggagca gtcctggctg gccggagtgt   300
ccaccaagcc cacagtccca tcttcagaag caggaatcca gccagtccct gtccagggaa   360
gcccagctct gccagggggc tgtgtaccta gaaatcattt caagggggatg tccgaagat   419


<210>    32
<211>    139
<212>    PRT
<213>    Homo sapiens


<400>    32
```
Ser His Ala His Ser Thr Gly Arg Ser Pro Ala Pro Ala Ser Leu Ser
1           5               10              15

Leu Gln Arg Leu Leu Glu Ala Leu Ser Ala Glu Ser Arg Ser Pro Asp

```
            20                      25                      30

Pro Ser Gly Ser Ser Ala Gly Gly Gln Pro Val Pro Ala Gly Pro Gly
        35                  40                  45

Glu Ser Pro His Gly Trp Glu Ser Pro Ala Leu Lys Lys Leu Ser Ala
        50                  55                  60

Glu Ala Ser Ala Arg Gln Pro Gln Thr Leu Ala Ser Ser Pro Arg Ser
65                  70                  75                  80

Arg Pro Gly Ala Gly Ala Pro Gly Val Ala Gln Glu Gln Ser Trp Leu
                85                  90                  95

Ala Gly Val Ser Thr Lys Pro Thr Val Pro Ser Ser Glu Ala Gly Ile
            100                 105                 110

Gln Pro Val Pro Val Gln Gly Ser Pro Ala Leu Pro Gly Gly Cys Val
        115                 120                 125

Pro Arg Asn His Phe Lys Gly Met Ser Glu Asp
    130                 135
```

```
<210>    33
<211>    1293
<212>    DNA
<213>    Homo sapiens

<400>    33
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atcctaggag cgcccctggc ctccagctgc gcaggagcct gtggtaccag cttcccagat    120
ggcctcaccc ctgagggaac ccaggcctcc ggggacaagg acattcctgc aattaaccaa    180
gggctcatcc tggaagaaac cccagagagc agcttcctca tcgaggggga catcatccgg    240
ccgagtccct tccgactgct gtcagcaacc agcaacaaat ggcccatggg tggtagtggt    300
gtcgtggagg tccccttcct gctctccagc aagtacgatg agcccagccg ccaggtcatc    360
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cagagagact tcatttccat catccccatg tatgggtgct tctcgagtgt ggggcgcagt    480
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gaagcaggaa tccagccagt ccctgtccag ggaagcccag ctctgccagg gggctgtgta    1260
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<210>    34
<211>    431
<212>    PRT
```

<213>    Homo sapiens

<400>    34

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Met Glu Gly Val Gly Gly Leu Trp Pro Trp Val Leu Gly Leu Leu Ser
1               5                   10                  15

Leu Pro Gly Val Ile Leu Gly Ala Pro Leu Ala Ser Ser Cys Ala Gly
            20                  25                  30

Ala Cys Gly Thr Ser Phe Pro Asp Gly Leu Thr Pro Glu Gly Thr Gln
            35                  40                  45

Ala Ser Gly Asp Lys Asp Ile Pro Ala Ile Asn Gln Gly Leu Ile Leu
    50                  55                  60

Glu Glu Thr Pro Glu Ser Ser Phe Leu Ile Glu Gly Asp Ile Ile Arg
65                  70                  75                  80

Pro Ser Pro Phe Arg Leu Leu Ser Ala Thr Ser Asn Lys Trp Pro Met
                85                  90                  95

Gly Gly Ser Gly Val Val Glu Val Pro Phe Leu Leu Ser Ser Lys Tyr
            100                 105                 110

Asp Glu Pro Ser Arg Gln Val Ile Leu Glu Ala Leu Ala Glu Phe Glu
            115                 120                 125

Arg Ser Thr Cys Ile Arg Phe Val Thr Tyr Gln Asp Gln Arg Asp Phe
    130                 135                 140

Ile Ser Ile Ile Pro Met Tyr Gly Cys Phe Ser Ser Val Gly Arg Ser
145                 150                 155                 160

Gly Gly Met Gln Val Val Ser Leu Ala Pro Thr Cys Leu Gln Lys Gly
            165                 170                 175

Arg Gly Ile Val Leu His Glu Leu Met His Val Leu Gly Phe Trp His
            180                 185                 190

Glu His Thr Arg Ala Asp Arg Asp Arg Tyr Ile Arg Val Asn Trp Asn
    195                 200                 205

Glu Ile Leu Pro Gly Phe Glu Ile Asn Phe Ile Lys Ser Arg Ser Ser
    210                 215                 220

Asn Met Leu Thr Pro Tyr Asp Tyr Ser Ser Val Met His Tyr Gly Arg
225                 230                 235                 240

Leu Ala Phe Ser Arg Arg Gly Leu Pro Thr Ile Thr Pro Leu Trp Ala
                245                 250                 255

Pro Ser Val His Ile Gly Gln Arg Trp Asn Leu Ser Ala Ser Asp Ile
            260                 265                 270

Thr Arg Val Leu Lys Leu Tyr Gly Cys Ser Pro Ser Gly Pro Arg Pro
```

```
        275                    280                    285
Arg Gly Arg Gly Ser His Ala His Ser Thr Gly Arg Ser Pro Ala Pro
    290                    295                    300
Ala Ser Leu Ser Leu Gln Arg Leu Leu Glu Ala Leu Ser Ala Glu Ser
305                    310                    315                    320
Arg Ser Pro Asp Pro Ser Gly Ser Ser Ala Gly Gly Gln Pro Val Pro
                325                    330                    335
Ala Gly Pro Gly Glu Ser Pro His Gly Trp Glu Ser Pro Ala Leu Lys
                340                    345                    350
Lys Leu Ser Ala Glu Ala Ser Ala Arg Gln Pro Gln Thr Leu Ala Ser
                355                    360                    365
Ser Pro Arg Ser Arg Pro Gly Ala Gly Ala Pro Gly Val Ala Gln Glu
    370                    375                    380
Gln Ser Trp Leu Ala Gly Val Ser Thr Lys Pro Thr Val Pro Ser Ser
385                    390                    395                    400
Glu Ala Gly Ile Gln Pro Val Pro Val Gln Gly Ser Pro Ala Leu Pro
                405                    410                    415
Gly Gly Cys Val Pro Arg Asn His Phe Lys Gly Met Ser Glu Asp
                420                    425                    430
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<210>    35
<211>    1224
<212>    DNA
<213>    Homo sapiens

<400>    35

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gcgcccctgg cctccagctg cgcaggagcc tgtggtacca gcttcccaga tggcctcacc     60
cctgagggaa cccaggcctc cggggacaag gacattcctg caattaacca agggctcatc    120
ctggaagaaa ccccagagag cagcttcctc atcgaggggg acatcatccg gccgagtccc    180
ttccgactgc tgtcagcaac cagcaacaaa tggcccatgg gtggtagtgg tgtcgtggag    240
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cttgcggagt ttgaacgttc cacgtgcatc aggtttgtca cctatcagga ccagagagac    360
ttcatttcca tcatccccat gtatgggtgc ttctcgagtg tggggcgcag tggagggatg    420
caggtggtct ccctggcgcc cacgtgtctc cagaagggcc ggggcattgt ccttcatgag    480
ctcatgcatg tgctgggctt ctggcacgag cacacgcggg ccgaccggga ccgctatatc    540
cgtgtcaact ggaacgagat cctgccaggc tttgaaatca acttcatcaa gtctcggagc    600
agcaacatgc tgacgcccta tgactactcc tctgtgatgc actatgggag gctcgccttc    660
agccggcgtg ggctgcccac catcacacca ctttgggccc ccagtgtcca catcggccag    720
cgatggaacc tgagtgcctc ggacatcacc cgggtcctca aactctacgg ctgcagccca    780
agtggcccca ggcccgtgg gagagggtcc catgcccaca gcactggtag gagccccgct    840
ccggcctccc tatctctgca gcggcttttg gaggcactgt cggcggaatc caggagcccc    900
gaccccagtg gttccagtgc gggaggccag cccgttcctg cagggcctgg ggagagccca    960
catgggtggg agtcccctgc cctgaaaaag ctcagtgcag aggcctcggc aaggcagcct   1020
cagaccctag cttcctcccc aagatcaagg cctggagcag gtgcccccgg tgttgctcag   1080
gagcagtcct ggctggccgg agtgtccacc aagcccacag tcccatcttc agaagcagga   1140
atccagccag tccctgtcca gggaagccca gctctgccag ggggctgtgt acctagaaat   1200
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Phe Leu Ile Glu Gly Asp Ile Ile Arg Pro Ser Pro Phe Arg Leu Leu
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Ser Ala Thr Ser Asn Lys Trp Pro Met Gly Gly Ser Gly Val Val Glu
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Val Pro Phe Leu Leu Ser Ser Lys Tyr Asp Glu Pro Ser Arg Gln Val
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Ile Leu Glu Ala Leu Ala Glu Phe Glu Arg Ser Thr Cys Ile Arg Phe
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Val Thr Tyr Gln Asp Gln Arg Asp Phe Ile Ser Ile Ile Pro Met Tyr
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Gly Cys Phe Ser Ser Val Gly Arg Ser Gly Gly Met Gln Val Val Ser
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Leu Ala Pro Thr Cys Leu Gln Lys Gly Arg Gly Ile Val Leu His Glu
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Asp Arg Tyr Ile Arg Val Asn Trp Asn Glu Ile Leu Pro Gly Phe Glu
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Ile Asn Phe Ile Lys Ser Arg Ser Ser Asn Met Leu Thr Pro Tyr Asp
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Tyr Ser Ser Val Met His Tyr Gly Arg Leu Ala Phe Ser Arg Arg Gly
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Arg Trp Asn Leu Ser Ala Ser Asp Ile Thr Arg Val Leu Lys Leu Tyr
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His Ser Thr Gly Arg Ser Pro Ala Pro Ala Ser Leu Ser Leu Gln Arg
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His Gly Trp Glu Ser Pro Ala Leu Lys Lys Leu Ser Ala Glu Ala Ser
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Pro Ser Pro Phe Arg Leu Leu Ser Ala Thr Ser Asn Lys Trp Pro Met
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Arg Gly Ile Val Leu His Glu Leu Met His Val Leu Gly Phe Trp His
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Glu His Thr Arg Ala Asp Arg Asp Arg Tyr Ile Arg Val Asn Trp Asn
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Glu Ile Leu Pro Gly Phe Glu Ile Asn Phe Ile Lys Ser Gln Ser Ser
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Asn Met Leu Thr Pro Tyr Asp Tyr Ser Ser Val Met His Tyr Gly Arg
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Leu Ala Phe Ser Arg Arg Gly Leu Pro Thr Ile Thr Pro Leu Trp Ala
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Pro Ser Val His Ile Gly Gln Arg Trp Asn Leu Ser Ala Ser Asp Ile
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Thr Arg Val Leu Lys Leu Tyr Gly Cys Ser Pro Ser Gly Pro Arg Pro
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<220>
<223>    78836-GR1-3' Primer

<400>    43
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<220>
<223>    GeneRacer 3' nested primer

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<220>
<223>    78836-GR1nest-3' primer

<400>    45
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<223>    78836-FL-F primer

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<220>
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<400>    47
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<220>
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<220>
<223>    T7 primer

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taatacgact cactataggg                                                          20


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<212>    DNA
<213>    Artificial Sequence

<220>
<223>    SP6 primer

<400>    51
atttaggtga cactatag                                                            18
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